

# MAX A. HENSHELL

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## EDUCATION

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Ph.D., Wildlife Ecology, University of Wisconsin-Madison 2016  
Dissertation: *The Effects of Human Activity on Avian Assemblages in the Baraboo Hills*  
Advisor: Anna Pidgeon, Ph.D.

MS, Applied Ecology, Michigan Technological University 2010  
Thesis: *Biomass and Birds: Effects of potential planted grassland biofuel crops on plant productivity and the grassland avian community in the upper Midwest.*  
Advisors: David Flaspohler, Ph.D. and Christopher Webster, Ph.D.

BS, Applied Ecology (Wildlife Ecology and Management concentration), Michigan Technological University 2006

## PROFESSIONAL EXPERIENCE

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Graduate Research Assistant, University of Wisconsin-Madison Aug 2011 – ...

Teaching Assistant, University of Wisconsin-Madison Summer 2016  
Forest Resources Practicum

Teaching Assistant, University of Wisconsin-Madison Spring 2015  
Terrestrial Vertebrate Ecology

Lecturer, Michigan Technological University Jan 2011 – May 2011  
Ornithology & Conservation Biology

Graduate Research Assistant, Michigan Technological University Dec 2008 – Aug 2010

Teaching Assistant, Michigan Technological University Springs 2008 – 2010  
Ornithology

## STUDENT MENTORING

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Maia Persche, Hilldale Scholar 2014

Project title: *Quantifying the physiological stress of Acadian Flycatcher (*Empidonax vireescens*) in response to recreational trails and trail use*

Maia Persche, Field Technician 2013

Jenna Motz, Field Technician 2013

Josh Seibel, Field Technician 2013

Brent Burton, Field Technician 2012

David Dudley, Field Technician 2012

Adam Moore, Field Technician 2012

Rose Alvarez, Biology 152 Mentored research 2012

Project title: *Creating artificial eggs to determine the heart rate of birds*  
Daniel Winkler, Field Technician 2009

## PEER-REVIEWED PUBLICATIONS

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In review

- Henschell, M.A., M.J. Pfeiffer, M.K. Clayton, A.M. Pidgeon. Recreational trails and trail use reduce forest passerine nest success in protected areas. *In Review, Landscape and Urban Planning*
- Persche, M.E., M.J. Mossman, M.A. Henschell, A.M. Pidgeon. Nest site and post-fledging habitat associations of Acadian Flycatchers (*Empidonax virescens*) in the Baraboo Hills. *In review, The Passenger Pigeon*
- Fortin, C.R., C.R. Webster, M.A. Henschell, D.J. Flaspohler. Influence of Floristic Quality on Ground-Dwelling Arthropods in Tallgrass Prairie Plantings. *In Revision*

2015

- Henschell, M.A., C.R. Webster, D.J. Flaspohler, C.R. Fortin, 2015. Influence of plant community composition on biomass production in planted grasslands. PLoS ONE 10(5): e0125758. Available online at: <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0125758>

BOOK SECTIONS

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- Henschell, M.A. 2010. Common Goldeneye (*Bucephala clangula*). In Chartier, A.T., J.J. Baldy, and J.M. Brenneman (eds.). 2010. The Second Michigan Breeding Bird Atlas. Kalamazoo Nature Center. Kalamazoo, MI. Online at: [www.mibirdatlas.org/Portals/12/MBA2010/COGOaccount.pdf](http://www.mibirdatlas.org/Portals/12/MBA2010/COGOaccount.pdf)
- Henschell, M.A. 2010. Least Flycatcher (*Empidonax minimus*). In Chartier, A.T., J.J. Baldy, and J.M. Brenneman (eds.). 2010. The Second Michigan Breeding Bird Atlas. Kalamazoo Nature Center. Kalamazoo, MI. Online at: [www.mibirdatlas.org/Portals/12/MBA2010/LEFLaccount.pdf](http://www.mibirdatlas.org/Portals/12/MBA2010/LEFLaccount.pdf)
- Henschell, M.A. 2010. Common Raven (*Corvus corax*). In Chartier, A.T., J.J. Baldy, and J.M. Brenneman (eds.). 2010. The Second Michigan Breeding Bird Atlas. Kalamazoo Nature Center. Kalamazoo, MI. Online at: [www.mibirdatlas.org/Portals/12/MBA2010/CORAaccount.pdf](http://www.mibirdatlas.org/Portals/12/MBA2010/CORAaccount.pdf)
- Henschell, M.A. 2010. Red-winged Blackbird (*Agelaius phoeniceus*). In Chartier, A.T., J.J. Baldy, and J.M. Brenneman (eds.). 2010. The Second Michigan Breeding Bird Atlas. Kalamazoo Nature Center. Kalamazoo, MI. Online at: [www.mibirdatlas.org/Portals/12/MBA2010/RWBLaccount.pdf](http://www.mibirdatlas.org/Portals/12/MBA2010/RWBLaccount.pdf)
- Henschell, M.A. 2010. Common Grackle (*Quiscalus quiscula*). In Chartier, A.T., J.J. Baldy, and J.M. Brenneman (eds.). 2010. The Second Michigan Breeding Bird Atlas. Kalamazoo Nature Center. Kalamazoo, MI. Online at: [www.mibirdatlas.org/Portals/12/MBA2010/COGRaccount.pdf](http://www.mibirdatlas.org/Portals/12/MBA2010/COGRaccount.pdf)

REPORTS

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- Webster, C.R., D.J. Flaspohler, A. Roth, M.A. Henschell. 2011. Identifying Trade-offs Between Biomass Production and Biological Diversity in Wisconsin Forests and Grasslands to Meet Tomorrow's Bioenergy and Biofuel Needs. Final Report. Wisconsin Focus on Energy. Online at: [https://focusonenergy.com/sites/default/files/research/FinalReportx\\_08-13Webster.pdf](https://focusonenergy.com/sites/default/files/research/FinalReportx_08-13Webster.pdf)

CONFERENCE PRESENTATIONS (PRESENTER IN BOLD)

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- 20 August 2016 Pidgeon, A., R. Graves, C. Latimer, J. Gorzo, **M.A. Henschell**, P. Schilke, M. Hobi, M. Pfeiffer, A. Shipley, A. Hannah, B. Zuckerberg, V. Radeloff. "Rising novelty and homogenization of bird communities in the U.S." North American Ornithological Conference VI, Washington D.C.
- 18 July 2016 **Henschell, M.A.**, M. Mossman, A. Lesak, A. Pidgeon. "Stable Bird Communities In The Baraboo Hills- A Result Of Targeted Conservation Efforts?" 3<sup>rd</sup> North America Congress for Conservation Biology meeting, Madison, WI.

30 July 2015 **Henschell, M.A.**, A. Pidgeon “Trails, and trail use, change avian species assemblages in forested protected areas.” 2015 American Ornithologists’ Union/Cooper Ornithological Society Meeting, Norman, OK.

4 Mar, 2010 **Roth, A.**, D. Flaspohler, C. Webster, C. Fortin, and M.A. Henschell. “Balancing Biodiversity and Biomass for Bioenergy in Wisconsin.” Invited plenary presentation for the Wisconsin Chapter of The Wildlife Society, Wausau, WI.

#### POSTER PRESENTATIONS (PRESENTER IN BOLD)

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14 July 2014 **Henschell, M.A.**, A. Pidgeon. “Recreational trails and trail use have milted effect on forest passerine nest success.” 2<sup>nd</sup> North America Congress for Conservation Biology meeting, Missoula, MT.

4 Aug 2009 **Henschell, M.A.**, D. Flaspohler, C. Webster. “Does floristic quality influence habitat quality for birds breeding in grasslands grown for biofuel feedstocks?” 94<sup>th</sup> Annual Meeting of the Ecological Society of America, Albuquerque, NM.

#### RESEARCH GRANTS

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Henschell, M.A. 2012. The viability of heart rate monitors for nesting passerines. Wisconsin Society for Ornithology WSO Grant, \$500

#### MEDIA COVERAGE

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Damos, T. “*Baraboo Hills to be site of bird study.*” Baraboo News Republic 24 Jan 2012.

Borrell, B. “*Birds are chirping over cellulosic biofuels*” Scientific American 5 Aug 2009.

Tusa, S. “*Feathered friends: Birders are a strange breed*” Detroit Free Press 9 Aug 2009.

#### PROFESSIONAL MEMBERSHIPS

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American Ornithologists Union  
Association of Field Ornithologists  
Society for Conservation Biology  
Wisconsin Society for Ornithology  
Xi Sigma Pi Forestry Honor Society

#### SERVICE POSITIONS

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Wildlife Ecology Departmental Representative, University of Wisconsin-Madison	2012 –2014
Secretary, Copper Country Audubon Society	2009 –2010
Forester, Xi Sigma Pi Forestry Honor Society, Michigan Technological University	2006
Ranger, Xi Sigma Pi Forestry Honor Society, Michigan Technological University	2005 –2006
Secretary, Pi Kappa Phi Fraternity, University of Michigan	2002 –2003